



# South Carolina

## Weekly Weather and Crop Progress Report

Cooperating with Clemson University  
1835 Assembly St., Suite 1008 · Columbia, SC 29201  
(800) 424-9406 · FAX (803) 765-5310 · [www.nass.usda.gov/sc](http://www.nass.usda.gov/sc)

**Issue:** SC-CW003610  
**Released:** August 30, 2010 , after 4 pm  
**Week Ending:** August 29, 2010  
**Cooperating Agencies:**  
Clemson University  
SC State Climatology Office  
Farm Service Agency



### GENERAL

Scattered showers fell across South Carolina this past week. Some of the locations that received heavy rainfall and some low-lying fields were too wet, thereby hindering harvest for some growers. The fields that missed the rain were able to dry out and allowed farmers to continue harvesting. Despite temperatures being above average for the period, cooler weather was observed when compared to the mid-summer heat wave. Overall, lower temperatures with scattered rain showers improved all surveyed crop and livestock conditions. Reports of army worm infestations had spread further throughout the state. Soil moisture levels were reportedly 4% very short, 21% short, 64% adequate and 11% surplus. There was a statewide average of 6.2 days suitable for fieldwork in South Carolina.

### FIELD CROPS

Nearly all **CORN** had matured by week's end. Forty-three percent of corn had been harvested, same as this time last year. Corn conditions improved and were reportedly 5% very poor, 19% poor, 45% fair, 29% good and 2% excellent. Ninety-four percent of **COTTON** had set bolls and 12% had bolls open, falling slightly behind the five-year average. Cotton conditions improved substantially and were 2% poor, 26% fair, 64% good and 8% excellent. The **PEANUT** crop had completed pegging. Conditions were reportedly 1% poor, 22% fair, 68% good and 9% excellent. Ninety-six percent of **SOYBEANS** had bloomed and 80% had set pods. Only 2% of the crop had turned color. Some growers reported that their pods are not setting properly due to the extreme heat early in the season. Like the other crops, soybean conditions improved and were reportedly 7% poor, 29% fair, 58% good and 6% excellent. Eighty-six percent of **TOBACCO** had been harvested and 40% of producers had destroyed stalks, ahead of the five-year average.

### OTHER ITEMS OF INTEREST

**LIVESTOCK** conditions improved and were 1% poor, 27% fair, 70% good, and 2% excellent. Some producers continued to feed hay to livestock. **PASTURE** conditions improved and were reportedly 3% very poor, 8% poor, 36% fair, 51% good and 2% excellent. **WATERMELON** and **CANTALOUPE** harvesting was reportedly complete for 2010. The **PEACH** harvest neared completion for the year.

### Crop Progress for Week Ending August 29, 2010

Crop and Stage	2010	2009	5-Yr Avg	Crop and Stage	2010	2009	5-Yr Avg
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cantaloup, Harvested	100	100	100	Peanuts, Pegged	100	100	100
Corn, Matured	99	99	96	Soybeans, Bloomed	96	95	96
Corn, Harvested	43	43	39	Soybeans, Pods Set	80	85	75
Cotton, Bolls Set	94	96	95	Soybeans, Turned Color	2	1	5
Cotton, Bolls Opened	12	11	14	Tobacco, Harvested	86	87	81
Hay, Other Hay, Harvested	100	100	97	Tobacco, Stalks Destroyed	40	54	32
Peaches, Harvested	97	97	90	Watermelons, Harvested	100	100	99

### Condition for Week Ending August 29, 2010

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	5	19	45	29	2	Pasture	3	8	36	51	2
Cotton	0	2	26	64	8	Peanuts	0	1	22	68	9
Livestock	0	1	27	70	2	Soybeans	0	7	29	58	6

South Carolina Weekly Weather Summary for the Week Ending August 29, 2010

Drier air worked southward into the Upstate on Monday. At 1:00 p.m., Greenville reported 87 degrees and a relative humidity value of just 35 percent. This was not the case along the southern coast as middle 90-degree heat and high humidity were observed. Storm activity in the early part of the week was concentrated in the coastal plains. Hemingway received 1.54 inches of rain and Holly Hill reported 1.41 inches. On Tuesday morning, Table Rock and Chesnee cooled to 65 degrees. Both Chester and Mullins recorded Tuesday high temperatures of 84 degrees. Afternoon showers fell across the west central counties. Aiken measured 1.02 inches on Tuesday. The Wednesday 11:00 a.m. temperature of 74 degrees at the Columbia Hamilton-Owens Airport was the lowest 11:00 a.m. temperature at that location since May 25. A lone thunderstorm over Liberty produced 1.67 inches of rain. Thursday’s afternoon storms pelted parts of Williamsburg County with 1.75-inch diameter hail. Heavy rains formed over Lexington County. A pattern of isolated thunderstorms continued on Friday but diminished in coverage through the weekend. Little Mountain measured 0.94 inches or rain in the 24-hours ending Saturday morning. Seasonal temperatures were observed on Sunday with high pressure building south along the eastern seaboard. The state average temperature for the seven-day period was three degrees above normal.

The highest official temperature reported was 96 degrees at Hardeeville, Jamestown and Lake Wateree on August 23. The lowest official temperature reported was 59 degrees at Jocassee on August 24. The heaviest official 24-hour rainfall reported was 1.83 inches at McClellanville ending at 7:00 a.m. on August 24. The state average rainfall for the period was 0.3 inches.

SOIL: 4-inch depth soil temperature: Columbia 84 degrees, Charleston 84 degrees.  
RIVERS AND SURF: South Carolina river stages were near normal. Ocean water temperatures at the Johnny Mercer Pier, Wrightsville Beach, NC, were reported at 85 degrees.

Precipitation

Location	Total for Week	Total for 2010	Deviation from Average
Greer	0.87	33.21	-0.3
Anderson	0.26	29.80	-1.7
Columbia	0.01	28.87	-6.0
Orangeburg	0.59	33.61	-1.3
Charlotte, NC	0.01	27.97	-1.3
Augusta, GA	0.15	23.61	-8.1
Florence	0.00	31.77	0.0
N Myrtle Beach	0.00	28.06	-2.1
Charleston	0.00	45.84	9.7
Savannah, GA	0.93	30.80	-4.9

Weekly rainfall totals this period ending midnight Sunday.



USDA-NASS  
SOUTH CAROLINA FIELD OFFICE  
1835 Assembly St. Suite 1008  
Columbia, SC 29201-2449  
Official Business

Address Service Requested